

BY E-FILE AND FEDERAL EXPRESS

Mark D. Marini, Secretary
Department of Public Utilities
One South Station, 5th Floor
Boston, MA 02110

December 1, 2017

RE: D.P.U. 15-109, Town of Dedham – 2017 Annual Report for Aggregation Program

Dear Secretary Marini:

Enclosed for filing on behalf of the Town of Dedham in the above-referenced docket, please find the 2017 Annual Report for the Town's Community Electricity Aggregation Program.

Please let me know if you have any questions in regards to this submission.

Sincerely,



Scott J. Mueller
Counsel for Good Energy, L.P.

cc: Jeanne Voveris, Asst. General Counsel (email)

Elizabeth Lydon, Counsel (email)

Service List (email)

D.P.U. 15-109, TOWN OF DEDHAM MUNICIPAL AGGREGATION PLAN
ANNUAL REPORT TO THE
MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES
December 1, 2017

I. BACKGROUND

On October 8, 2015, the Department of Public Utilities (Department) approved the Municipal Aggregation Plan of the Municipality pursuant to G.L. c. 164. The Department directed the Municipality to file an annual report with the Department on December 1 of each year. The Municipality hereby submits its annual report for 2017.

II. COMPETITIVE SUPPLIER

ConEdison Solutions, Inc. (CES) was the competitive supplier for the Municipality from January 1, through July 1, 2017. As the result of the sale of CES to Constellation NewEnergy, Inc. (CNE), the Electric Services Agreement (ESA) between CES and the Municipality was assigned to CNE and CNE began to provide supply service to the Municipality effective with customer's first meter reads after July 1, 2017.

Following a competitive solicitation in April 2017, the Municipality entered into a new ESA with Public Power LLC, for the provision of supply service for a three-year period following the expiration of the current ESA.

III. TERM OF THE ELECTRIC SERVICE AGREEMENT

The current ESA between the Municipality and CES, which has now been assigned to CNE, requires the competitive supplier to provide all-requirements power supply to participating customers for a two-year term. Under the ESA, which became effective when executed in November 2015, service to customers commenced on the date of the first meter read for participating customers after December 31, 2015, and is to continue through the first meter read after December 31, 2017. As noted above, the Municipality has entered into a new ESA with Public Power LLC, for the provision of supply service for a three-year period beginning with customer's first meter read after December 31, 2017.

IV. MONTHLY ENROLLMENT AND USAGE STATISTICS

Monthly enrollment and usage statistics from the January 2017 consumer meter read date to the latest date that data was available from the competitive supplier is included in Exhibit A. Please note that the monthly statistics are based on meter reads and the October 2017 data does not capture a complete month of enrollment and usage statistics.

V. RENEWABLE ENERGY OPTIONS

The Municipality offers as its standard product Dedham Local Green which includes an additional 5% of renewable energy above the level required by the Massachusetts Renewable Portfolio Standard (RPS). The Municipality also offers two optional programs – Dedham Basic, which includes the level of green energy required by the RPS and Dedham Premium Local Green which includes 100% green energy. Information regarding the price and content of the Dedham standard and optional products are shown in the sample information disclosure label included as Exhibit B.

VI. ALTERNATIVE INFORMATION DISCLOSURE STRATEGY

The Department approved a waiver of the requirement that the Municipality or its competitive supplier mail a quarterly distribution disclosure label to all customers and authorized an alternative information disclosure strategy. In developing and implementing the aggregation program, the Municipality has made available information about the program through a variety of means including postings at municipal buildings, public service presentations and postings on the program website. The Municipality's alternative disclosure strategy in the past year included the following:

- Provided information about the program and the price to be charged to the customer in the Customer Notification Letter mailed by the competitive supplier to all initial eligible customers and, thereafter, to all new eligible customers who move into the Municipality.
- Established a link to the www.masscea.com website maintained by aggregation consultant, Good Energy, L.P. This website provides information and updates about the program, including disclosure labels as required by 220 CMR 11.06(2)(b) through 11.06(2)(e). A new information disclosure label is posted quarterly and is available for review on the website until the next quarterly label is posted. A sample information disclosure label is included as Exhibit B.

EXHIBIT A

Account Count		Count of Consumption									
Row Labels	201701	201702	201703	201704	201705	201706	201707	201708	201709	201710	
SERPEDD Dedham Agg	8,286	8,258	8,322	8,316	8,286	8,320	8,262	8,211	7,850	7,685	
G1	511	498	505	496	491	529	525	543	491	475	
G2	189	194	198	198	191	194	182	173	172	169	
G3	3	2	2	3	2	1	1	1	1	1	
R1	6,846	6,824	6,877	6,862	6,849	6,830	6,796	6,735	6,461	6,338	
R2	492	493	491	499	495	477	467	462	449	436	
R3	203	206	208	217	217	250	252	227	206	197	
R4	2	2	2	3	2	2	2	2	2	2	
S1	-	-	-	-	-	-	-	-	-	-	
S2	7	7	7	7	7	7	7	8	8	8	
S3	21	21	21	20	21	21	21	51	51	51	
T2	12	11	11	11	11	9	9	9	9	8	

Account Consumption		Sum of Consumption (kWh)									
Row Labels	201701	201702	201703	201704	201705	201706	201707	201708	201709	201710	Grand Total
SERPEDD Dedham Agg	6,723,356	5,469,871	5,940,539	4,945,200	4,963,178	6,273,940	2,872,992	6,209,053	6,372,469	5,342,350	128,040,188
G1	322,668	275,488	295,187	295,154	231,298	264,264	99,660	328,550	325,180	284,978	5,865,957
G2	921,361	845,993	910,567	805,913	806,276	904,731	225,598	916,282	872,437	774,019	18,395,324
G3	422,977	129,913	150,551	145,974	91,044	69,921	79,024	23,234	77,400	68,820	5,023,980
R1	4,033,911	3,338,614	3,626,817	2,931,845	3,140,390	4,225,668	1,881,399	4,312,929	4,269,026	3,523,709	80,736,068
R2	331,623	271,724	303,757	244,492	197,991	285,305	127,232	272,475	271,205	225,437	5,803,465
R3	280,367	252,754	268,480	158,503	129,642	133,479	51,255	121,547	123,505	108,405	3,722,823
R4	1,483	1,104	1,142	889	1,038	1,455	1,538	428	1,444	1,229	30,666
S1	-	-	-	-	-	-	-	-	-	-	32,242
S2	998	884	998	899	1,000	1,068	365	1,239	1,539	1,291	20,410
S3	13,703	11,025	11,109	9,545	8,641	8,223	4,897	16,199	17,827	20,648	272,577
T2	394,266	342,373	371,931	351,986	355,858	379,828	402,025	216,170	412,906	333,814	8,136,676

**Content label for Town of Dedham
Community Choice Program**



EXHIBIT B

**conEdison
Solutions**

Energy. Efficiency. Expertise.

ConEdison Solutions' customers are served through a regional power grid administered by the New England Independent System Operator. ConEdison Solutions supplies its customers with system power from this regional power grid, not from specific generating units. ConEdison Solutions procures renewable energy content to meet the Massachusetts renewable portfolio standard requirements and to supply voluntary green products chosen by customers. Information about ConEdison Solutions' renewable power content is shown below in the table on the right.

ConEdison Solutions will update fuel sources and emissions data for its customers quarterly, allowing customers to compare data among the companies providing electricity service on Cape Cod and Martha's Vineyard.

Generation Prices (cents per kilowatt hour)	Dedham Basic	Dedham Local Green	Dedham Premium Local Green	Period in effect
All Customers	0.0949	0.0969	0.1329	Jan. 2016–Jan. 2018 meter read

Generation prices do not include regulated charges for customer service and delivery. Those charges are billed by your local distribution company.

ConEdison Solutions October 31, 2017 Disclosure Label

Based on the most current data available at the time of filing

New England System Mix	
Fuel	Percentages
Biogas	0.00%
Biomass	2.02%
Coal	3.36%
Diesel	1.21%
Digester gas	0.07%
Efficient Resource (Maine)	0.27%
Energy Storage	0.00%
Fuel cell	0.27%
Geothermal	0.00%
Hydroelectric/Hydropower	6.20%
Hydrokinetic	0.00%
Jet	0.02%
Landfill gas	0.57%
Municipal solid waste	1.10%
Natural Gas	39.47%
Nuclear	29.48%
Oil	7.55%
Solar Photovoltaic	1.90%
Solar Thermal	0.00%
Trash-to-energy	2.04%
Wind	2.79%
Wood	1.67%
Total	100.00%

ConEdison Solutions Power Attribute Content	
Dedham Basic	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	22.34%
System Mix	77.66%
Total	100.00%

ConEdison Solutions Power Attribute Content			
Dedham Local Green (5% Green)		Dedham Premium Local Green (100% Green)	
Source	Percentage	Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	22.34%	MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	22.34%
MA Class I Resources (Wind, Solar)	5.00% <small>(Measured against retail kWh)</small>	MA Class I Resources (Wind, Solar)	100.00% <small>(Measured against retail kWh)</small>
Total Green Content	27.34%	Total Green Content	122.34%

Note: The total exceeds 100% green content because the product also includes renewable content to satisfy the mandatory state RPS requirements. The resources in the local green options are sourced from MA.

Labor Information: ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources with union contracts with their employees. Additionally, ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources that used employees involving labor disputes during this period.

For further information contact:
Massachusetts Department of
Energy Resources • 617-626-7300
• DOER.Energy@State.MA.US
• [http://www.mass.gov/eea/
grants-and-tech-assistance/
guidance-technical-assistance/
agencies-and-divisions/doer/](http://www.mass.gov/eea/grants-and-tech-assistance/guidance-technical-assistance/agencies-and-divisions/doer/)

Massachusetts Department of
Public Utilities 1-
877-886-5066

ConEdison Solutions
1-855-788-9885
www.conedisonsolutions.com

Air Emissions

Emissions for each of the following pollutants are based on System Mix data provided by the New England Power Pool (NEPOOL) and ISO New England for the most current data available at the time of filing.

System average emission rates are based on the most current annual data available at the time of filing and were prepared for New England Power Pool (NEPOOL) by ISO New England.

Emissions data:

ConEdison Solutions

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO _x)	0.748
Sulfur Dioxide (SO ₂)	0.916
Carbon Dioxide (CO ₂)	834.341

New Unit emissions data for CO₂ is 895 lbs/MWh; for NO_x is 0.055 lbs/MWh; for SO₂ is 0.011 lbs/MWh

Sulfur Dioxide (SO₂) is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO₂ include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO₂ combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

Nitrogen Oxide (NO_x) is formed when fossil fuels and biomass are burned at high temperatures. NO_x contributes to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. NO_x also contribute to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

Carbon Dioxide (CO₂) is released when fossil fuels (e.g., coal, oil and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

Notes

The NEPOOL system mix represents all resources used for electricity generation in the region. ConEdison Solutions purchases power from the NEPOOL system.